

03500.009574.5



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: C. Chaney
SOICHIRO KAWAKAMI ET AL.	)	
	:	Group Art Unit: 1745
Application No.: 09/879,227	)	
	:	
Filed: June 13, 2001	)	
	:	
For: HIGH ENERGY DENSITY	)	
SECONDARY BATTERY FOR	:	
FOR REPEATED USE	)	January 13, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CONSIDERATION OF  
INFORMATION DISCLOSURE STATEMENT

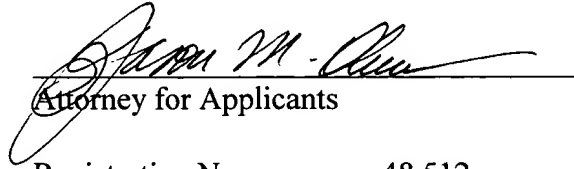
Sir:

A Notice of Allowance issued in the above-identified application on December 31, 2003. Prior to payment of the issue fee, Applicants respectfully request consideration of the information cited in the Second Information Disclosure Statement (IDS) filed on August 22, 2001. Copies of the stamped returned receipt postcard and the printout from the PTO's PAIR system, indicating that the IDS was received in the U.S. Patent and Trademark Office on August 22, 2001 are attached. Also attached is a copy of the IDS together with the PTO-1449 form filed therewith.

It is respectfully requested that the information listed on the PTO-1449 form be considered by the Examiner, and that a copy of the PTO-1449 form be returned, with the Examiner's initials, indicating that the initialed information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicants  
Registration No. 48,512

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200

NY\_MAIN 400402v1

Commissioner for Patents  
Washington, D.C. 20231

Date 08 / 22 / 01  
Mo. Day Yr.

Atty. Docket 35-C 9574 DS

Application No. 09/879,207

Sir:

Kindly acknowledge receipt of the accompanying:

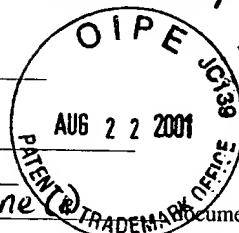
- ☐ Response to Official Action. \_\_\_\_\_
- ☐ Check for \$ \_\_\_\_\_ (claims fee)
- ☐ Petition under 37 CFR 1.136 and Check for \$ \_\_\_\_\_
- ☐ Notice of Appeal and Check for \$ \_\_\_\_\_
- ☒ Information Disclosure Statement, PTO-1449 and one ~~(2)~~ TRADEMARK document
- ☐ Claim for priority and certified copies of \_\_\_\_\_ priority applications
- ☐ Issue fee transmittal and Check for \$ \_\_\_\_\_
- ☐ Other (specify) \_\_\_\_\_

by placing your receiving date stamp hereon and mailing or returning to deliverer.

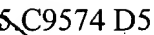
Atty. JMO/H

Due Date 09 / 13 / 01  
Mo. Day Yr.

37 CFR 1.8 ☐  
37 CFR 1.10 ☐  
By Hand ☒



FOHS-B-00



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SOICHIRO KAWAKAMI ET AL.

Examiner: C. Chaney

Group Art Unit: 1745

August 21, 2001

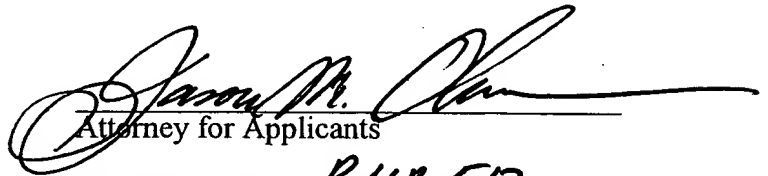
## INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement lists documents cited in the parent applications. In accordance with 37 C.F.R. §1.98(d), copies of the documents that are available in the parent applications from which the present application claims benefit under 35 U.S.C. § 120 are not enclosed. The Examiner is respectfully invited to review the parent applications for such documents.

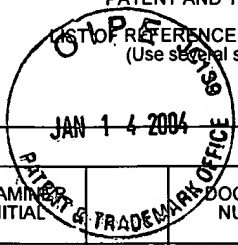
It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
Attorney for Applicants  
Registration No. P48,512

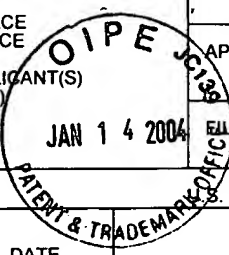
FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. <b>35.C8574 D5</b>		APPLICATION NO. <b>09/879,227</b>	
				APPLICANT <b>Soichiro Kawakami t al.</b>			
				FILING DATE <b>Jun 13, 2001</b>		GROUP <b>1745</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,326,014	04/20/82	Dey	429	48		
	4,812,375	03/14/89	Foster	429	101		
	5,147,739	09/15/92	Beard	429	343		
	4,677,041	06/30/87	Specht	429	206		
	4,654,281	03/31/87	Anderman et al.	429	209		
	4,520,084	05/28/85	Tinker et al.	429	101		
	5,328,782	06/12/94	Binder et al.	429	101		
	4,071,662	01/31/78	Mead et al.	429	178		
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	EP	0 130 049	01/02/85	Europe			
	EP	0 195 684	09/24/86	Europe			
	EP	0 517 070	01/12/93	Europe			
	GB	2 024 500	01/09/80	United Kingdom			
	GB	2 070 847	09/09/81	United Kingdom			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Chem. Abstracts, vol. 116, No. 26, Abst. No. 259054, Jun. 29, 1992.						
	Chem. Abstracts, vol. 110, No. 14, Abst. No. 118 380, Apr. 3, 1989.						
	Chem. Abstracts, vol. 107, No. 12, Abst. No. 99798, Sep. 21, 1987.						
	Chem. Abstracts, vol. 116, No. 20, Abst. No. 197706c, May 18, 1992.						
	Chem. Abstracts, vol. 116, No. 22, Abst. No. 218168w, Jun. 1, 1992.						
	Chem. Abstracts, vol. 118, No. 2, Abst. No. 9423c, Jan. 11, 1993.						
	Chem. Abstracts, vol. 116, No. 12, Abst. No. 110107m, Mar. 23, 1992.						
	Patent Abstracts of Japan, vol. 8, No. 39 (E-228), Feb. 1984.						
	Patent Abstracts of Japan, vol. 13, No. 147 (E-741), Apr. 1989.						
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. <b>35.C8574 D5</b>		APPLICATION NO. <b>09/879,227</b>	
APPLICANT <b>Soichiro Kawakami t al.</b>				FILING DATE <b>June 13, 2001</b>		GROUP <b>1745</b>	
PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,370,950	02/06/94	Kageyama	429	232	
		5,354,631	10/11/94	Chaloner-Gill et al.	429	137	
		5,169,736	02/08/92	Bittihn et al.	429	300	
		5,310,553	05/10/94	Simon et al.	429	212	
		5,464,453	11/07/95	Tong et al.	29	25.03	
		3,625,771	12/07/71	Arrance et al.	429	136	
		4,861,573	08/29/89	de Neufville et al.	423	464	
		5,135,732	08/04/92	Barboux et al.	423	599	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	DE	23 60 026	06/05/75	Germany			
	DE	38 38 329	05/24/89	Germany			
	JP	4-2065	01/07/92	Japan			Abstract
	JP	55-16342	02/05/80	Japan			
	FR	2.195.846	08/03/74	France			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Patent Abstracts of Japan, vol. 6, No. 147 (E-123), Aug. 1982.						
	Patent Abstracts of Japan, vol. 5, No. 55 (E-052), Apr. 1981.						
	Patent Abstracts of Japan, vol. 7, No. 288, (E-218), Dec. 1983.						
	Patent Abstracts of Japan, vol. 7, No. 258 (E-211) (1403), Nov. 1983.						
	Patent Abstracts of Japan, vol. 8, No. 081 (E-238) 1984 (no month).						
	Patent Abstracts of Japan, vol. 7, 251 (E-209) 1983 (no month).						
	Chem. Abstracts, vol. 106, No. 24, Jun. 1987 No. 199239.						
	Patent Abstract of Japan, vol. 14, No. 215 (E-900) (4068) 1990 no month.						
	Chem. Abstracts vol. 107, No. 6, Ab. 43148 (1987) non month.						
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. <b>35.C8574 D5</b>		APPLICATION NO. <b>09/879,227</b>	
				APPLICANT <b>Soichiro Kawakami et al.</b>			
				FILING DATE <b>June 13, 2001</b>		GROUP <b>1745</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,001,023	03/19/91	Cheshire et al.	429	94	
		5,264,201	11/23/93	Dahn et al.	423	594	
		5,196,281	03/23/93	Pensabene et al.	429	211	
		4,917,976	04/17/90	Wakahira et al.	429	220	
		4,684,590	08/04/87	Sammells	429	194	
		4,567,031	01/28/86	Riley	423	593	
		5,180,574	01/19/93	Von Sacken	423	594	
		4,279,978	07/21/81	Dodin et al.	429	248	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	EP	0 394 917	10/30/90	Europe			
	FR	2 584 867	01/16/87	France			
	EP	0 571 858	12/01/93	Europe			
	WO	84/2333	06/21/84	WIPO			
	FR	2 298 193	08/13/76	France			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Chem. Abstracts vol. 111, No. 16, Abst. 137458, October 16, 1989.					
		Chem. Abstracts vol. 112, No. 22, Abst. 202095 (1990) no month.					
		Chem. Abstracts vol. 104, No. 22, Abst. 189696, June 2, 1986.					
		Chem. Abst. 116, No. 16, Ab. 155465 (1992) no month.					
		Thevenin et al., "Study of the Li/Li <sub>3</sub> N Electrode in an Organic Electrolyte," 134(11) J. Electrochem. Soc. 2650-2656 (1987).					
		Vignaud, "Performances . . . Reversibles", 84(b) Rev. Gen. Elec. 482-484 (1975).					
		E.J. Plitcha, "The Rechargeable Li <sub>2</sub> TiS <sub>2</sub> /LiAlCl <sub>4</sub> /Li <sub>1-x</sub> CoO <sub>2</sub> Solid-State Cell," 139(6) J. Electrochem. Soc. 1509-1513 (1992).					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO 1449 (modified)				ATTY DOCKET NO. <b>35.C8574 D5</b>		APPLICATION NO. <b>09/879,227</b>	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				APPLICANT <b>Soichiro Kawakami et al.</b>			
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				FILING DATE <b>June 13, 2001</b>		GROUP <b>1745</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>3,953,241</b>	<b>04/27/76</b>	<b>Langer et al.</b>	<b>136</b>	<b>145</b>	
		<b>4,323,480</b>	<b>04/06/82</b>	<b>Dines et al.</b>	<b>252</b>	<b>439</b>	
		<b>5,110,696</b>	<b>05/05/92</b>	<b>Shokoohi et al.</b>	<b>429</b>	<b>218</b>	
		<b>5,700,596</b>	<b>12/23/97</b>	<b>Ikoma et al.</b>	<b>429</b>	<b>206</b>	
		<b>5,441,832</b>	<b>08/15/95</b>	<b>Macklin et al.</b>	<b>429</b>	<b>218</b>	
		<b>4,594,299</b>	<b>06/10/86</b>	<b>Cook et al.</b>	<b>429</b>	<b>129</b>	
		<b>5,238,758</b>	<b>08/24/93</b>	<b>Lee et al.</b>	<b>429</b>	<b>191</b>	
		<b>5,320,723</b>	<b>06/14/94</b>	<b>Kawakami</b>	<b>204</b>	<b>140</b>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	<b>DE</b>	<b>31 17 660</b>	<b>11/25/82</b>	<b>Germany</b>			
	<b>EP</b>	<b>0 243 653</b>	<b>11/04/87</b>	<b>Europe</b>			
	<b>DE</b>	<b>38 26 281</b>	<b>02/01/90</b>	<b>Germany</b>			<b>Abstract</b>
	<b>EP</b>	<b>0 394 917</b>	<b>10/31/90</b>	<b>Europe</b>			
	<b>EP</b>	<b>0 517 070</b>	<b>12/09/82</b>	<b>Europe</b>			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		<b>Patent Abstracts of Japan, vol. 11, no. 167 (C-425), May 28, 1987 (Corresponding to JP 61295235).</b>					
		<b>Database WPI, Section Ch, Week 8706, Class E32, AN 87-039672 (Corresponding to JP 61-295235).</b>					
		<b>Database WPI, Section Ch, Week 8202, Class L03, AN 82-02774E (Corresponding to JP 56-149771).</b>					
		<b>Patent Abstracts of Japan, vol. 6, no. 28 (E-095), February 19, 1982 (Corresponding to JP 56-149771).</b>					
		<b>R. Moshtev, "Vanadium-Doped lithium Trichromite: Properties, Crystal Structure and Electrochemical Performance in Rechargeable Li Cells," 34(2) J. Power Sources 129-139 (1991).</b>					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

